

7. A data reproduction apparatus according to Claim 3, further comprising:

a first unit including said synchronization information detection circuit, said data reproduction circuit and said data range prescribing circuit; and

wherein said synchronization information detection signal is sent from said first unit to said second unit and said data and said data settling signal are sent from said first unit to said second unit after said synchronization information detection signal has

been sent.

8. A data reproduction apparatus comprising:
a format control circuit for activating a reading command signal for commanding to read a block to be reproduced on a recording medium in which a plurality of blocks are recorded as a block unit having a data string including:

bit synchronization information for performing bit synchronization;

symbol synchronization information for performing symbol synchronization;

data;

correction information for correcting said data; and

additional area;

and calculating an end position of said block on said recording medium on the basis of a synchronization information detection signal to inactive said reading command signal;

a synchronization information detection circuit for reading a block on said recording medium during a period that said reading command signal is active and detecting said symbol synchronization information to produce said synchronization information detection signal;

a data reproduction circuit for reproducing said data and said correction information of said block read out from said recording medium during the period

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a data processing circuit for processing said data and said correction information produced from said data reproduction circuit after elapse of a reproduction delay time on the basis of said synchronization information signal.

a synchronization information detection
circuit for detecting synchronization information of a
block to be reproduced from a recording medium in which
a series of data string having synchronization informa-
tion added thereto is recorded as a block to produce a
synchronization information detection signal;

a decoding circuit for decoding said code string produced from said code reproduction circuit on the basis of said synchronization information detection signal;

10. A data reproduction apparatus comprising:

a data string production circuit for producing a series of data string having synchronization

a recording circuit for recording said data string in a recording medium as a record data string;
and

wherein said control circuit controls said recording circuit and produces said record data string after said data string of said data string production circuit is produced.

a first unit including said data string
production circuit and said control circuit; and
a second unit including said recording
circuit;

12. A data reproduction apparatus comprising:

a coding circuit for coding said data;
a data string production circuit for adding
synchronization information to said coded data to

